Vivicom ADM Hardware
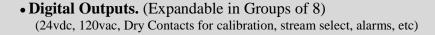

Vivicom ADM (CEMS System Controller):

- **Robust system designed from the ground up.**

- **Rack Mount or Wall Mount Version**
  (Wall mount in Stainless or Painted Steel)

- **Touch Screen / Menu Driven System**
  (Configuration of Alarms, Ranges, Events, I/O, etc)

- **Analog Inputs** (Expandable in Groups of 2)
  (4-20 ma for analyzers, temperatures, flow rates, etc)

- **Digital Inputs.** (Expandable in Groups of 8)
  (24vdc, Dry Contacts for analyzer status, shelter alarms, sample system alarms, maintenance devices, etc)

- **Digital Outputs.** (Expandable in Groups of 8)
  (24vdc, 120vac, Dry Contacts for calibration, stream select, alarms, etc)

- **Analog outputs.** (Expandable in Groups of 4)
  (isolated 4-20 ma self powered)

- **Data Storage for up to One year.**

- **Manual or Automatic Cal checks, Blowbacks, and /or other Maintenance Activities.**

- **Calculate corrected values for analyzed components.**

- **Communicate back to the DCS via RS485/RS422/RS232 or Ethernet.**
  (Modbus RTU or Modbus TCP/IP protocols)

- **Modbus interface to analyzers or foreign devices via RS485/RS422/RS232 or Ethernet.**

- **Capable of controlling Shelter Safety Alarms.**
  (Strobes, Horns, Mimic Panels, etc.)

- **Ethernet Communications to Vivicom Central Data System.**
  (CAT5 or Fiber Optics)

- **All hardware components rated Class I Div II.**

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